



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday July 14, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Dangerous heat continues across much of the Region.**
- **Slight risk of severe storms and Marginal risk of flash flooding today and tomorrow over NE NM and the TX/OK Panhandles.**
- **Marginal risk of severe storms on Thursday for N AR into extreme NE OK.**

FEMA Region 6 Threat Matrix

Jul 14, 2020 - Jul 18, 2020



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DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	NE NM/ TX & OK Panhandles	NE NM/ TX & OK Panhandles	AR/NE OK		
Heavy Rain / Flash Flooding	NE NM/Panhandles AR, SE LA	NE NM/Panhandles NE AR	N NM		
Fire Weather	W&NW TX	W TX/SE NM			
Tropical Winds / Surge					
Heat	Much of the Region	Much of the Region	Much of the Region	AR into the Arklatex	AR
River Flooding	LA, AR	LA, AR	LA, AR	AR	AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



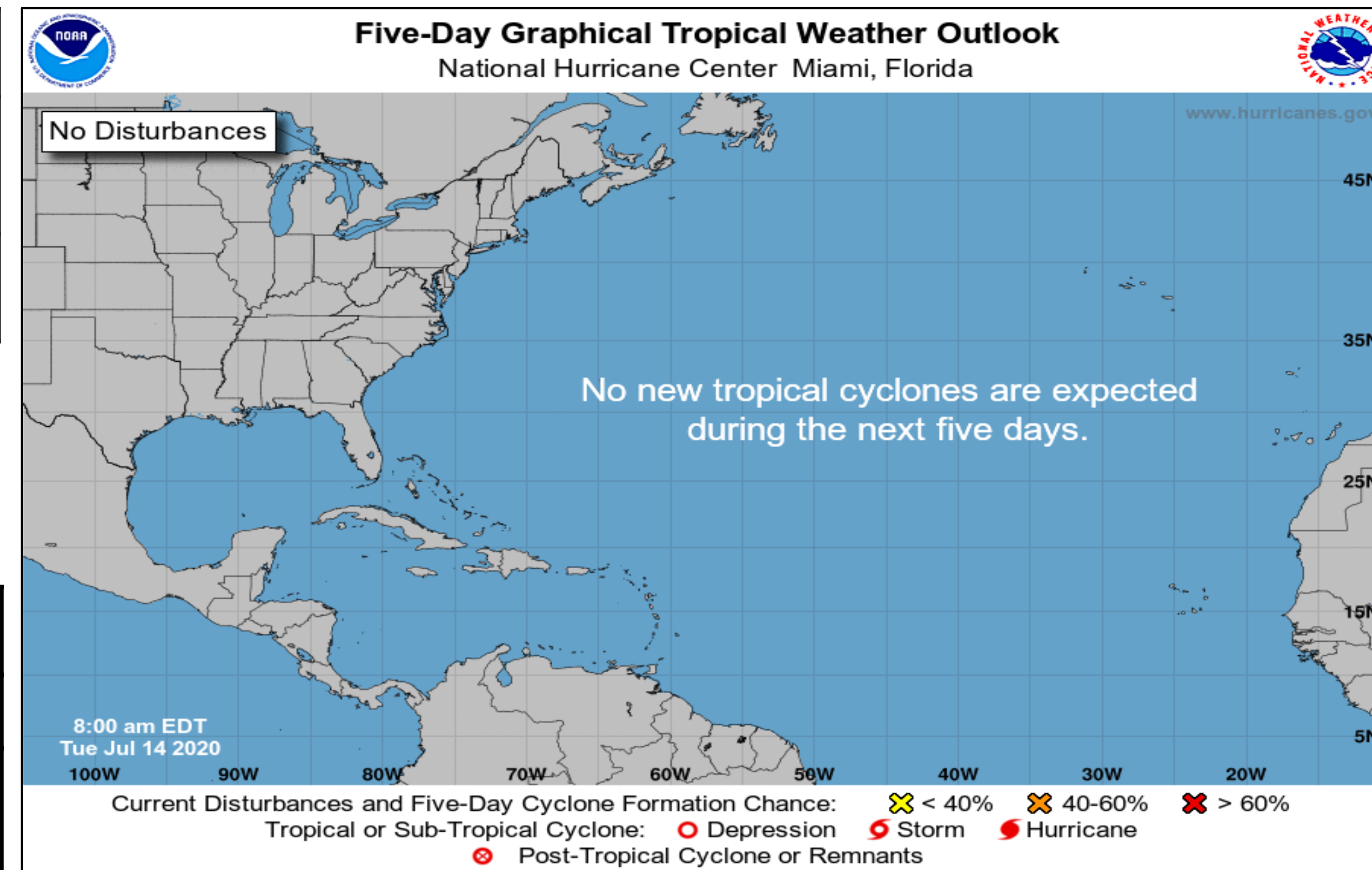
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	

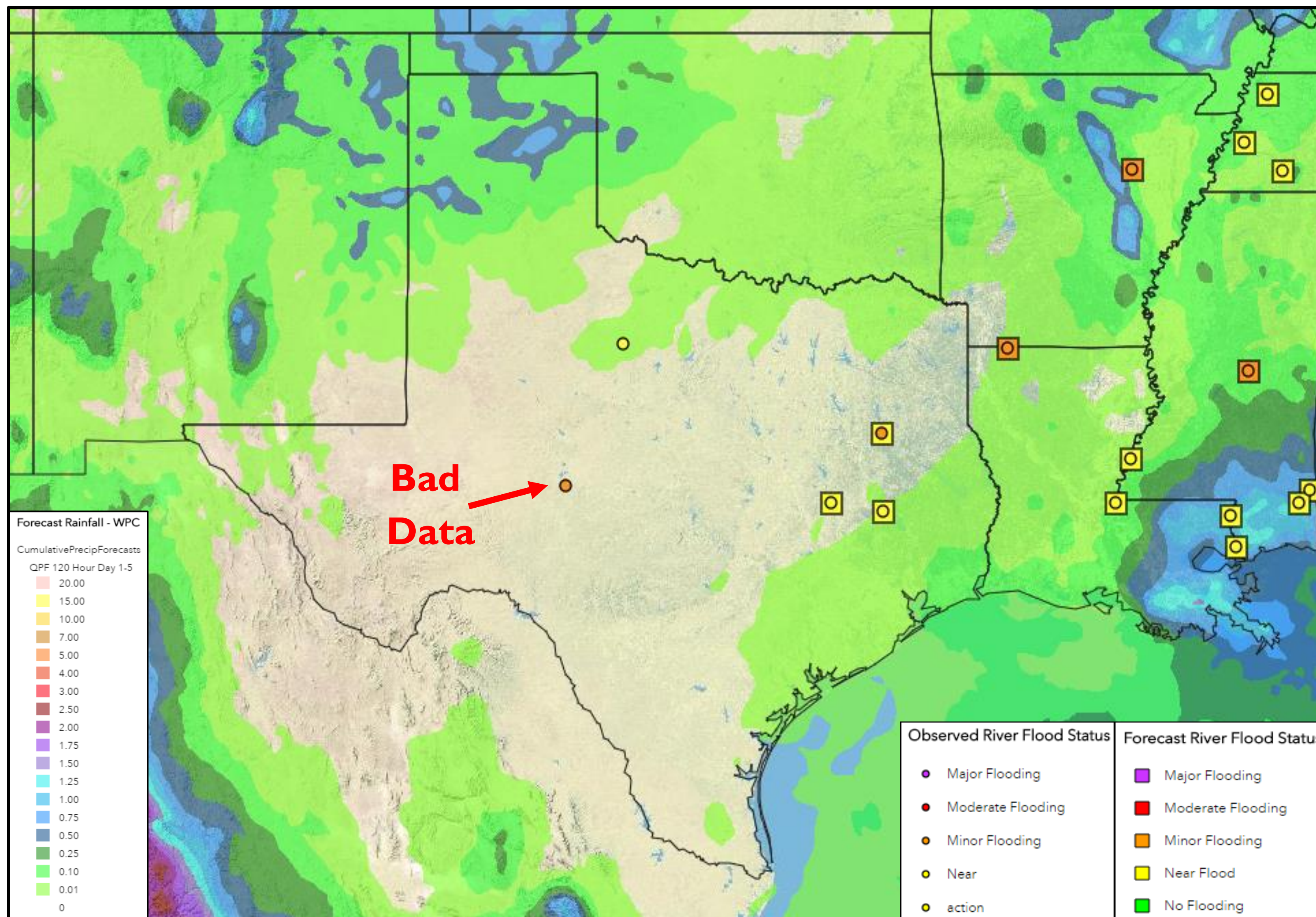


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



The White River near Augusta in NE AR remains in minor flood stage through next week, with seasonal agricultural impacts.

Bayou Dorcheat near Springhill in NW LA remains in minor flood stage through Thursday, with lowland flooding expected.

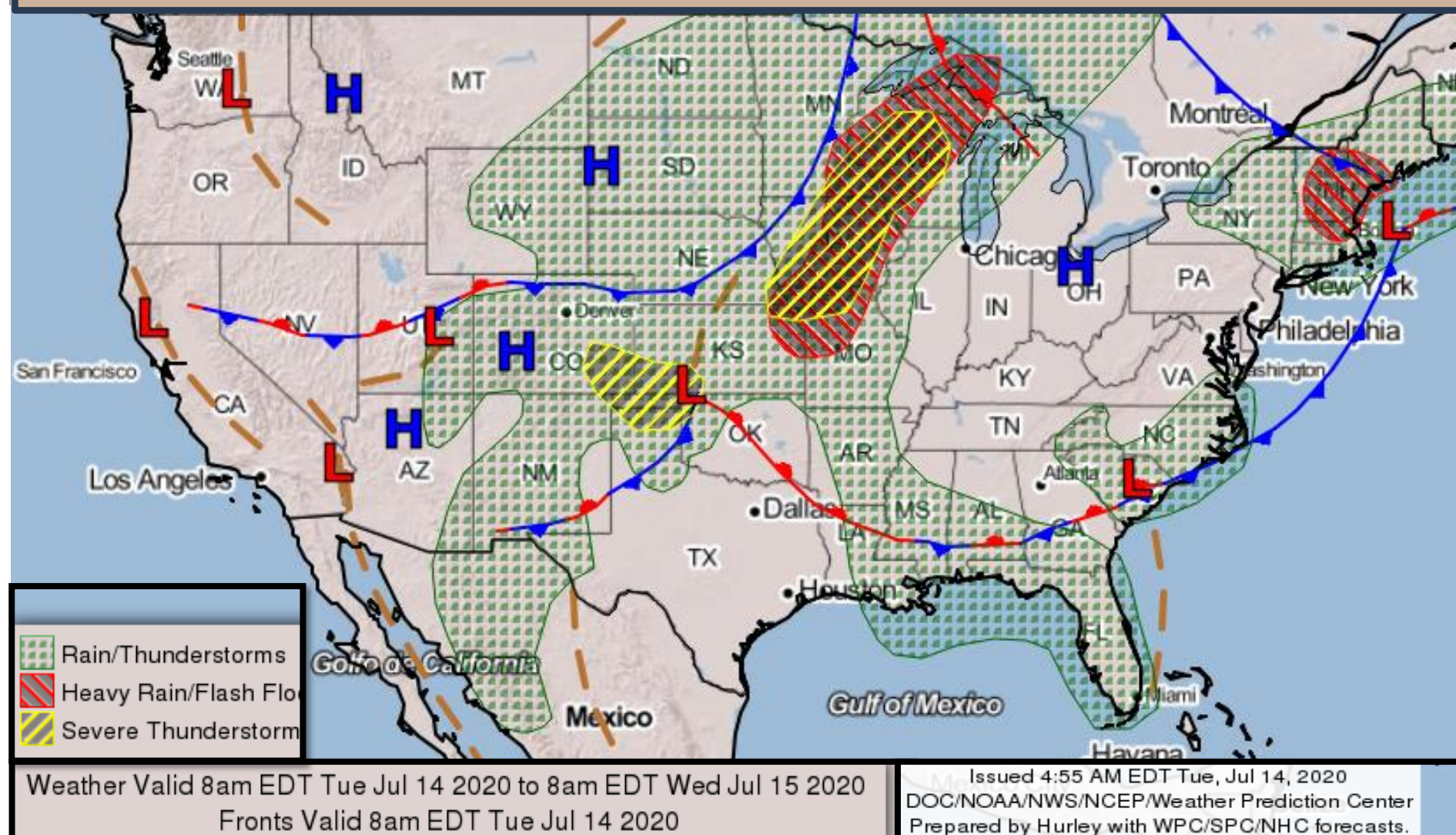
No additional flooding is expected due to the forecast rainfall the next 5 days.

Today's Weather

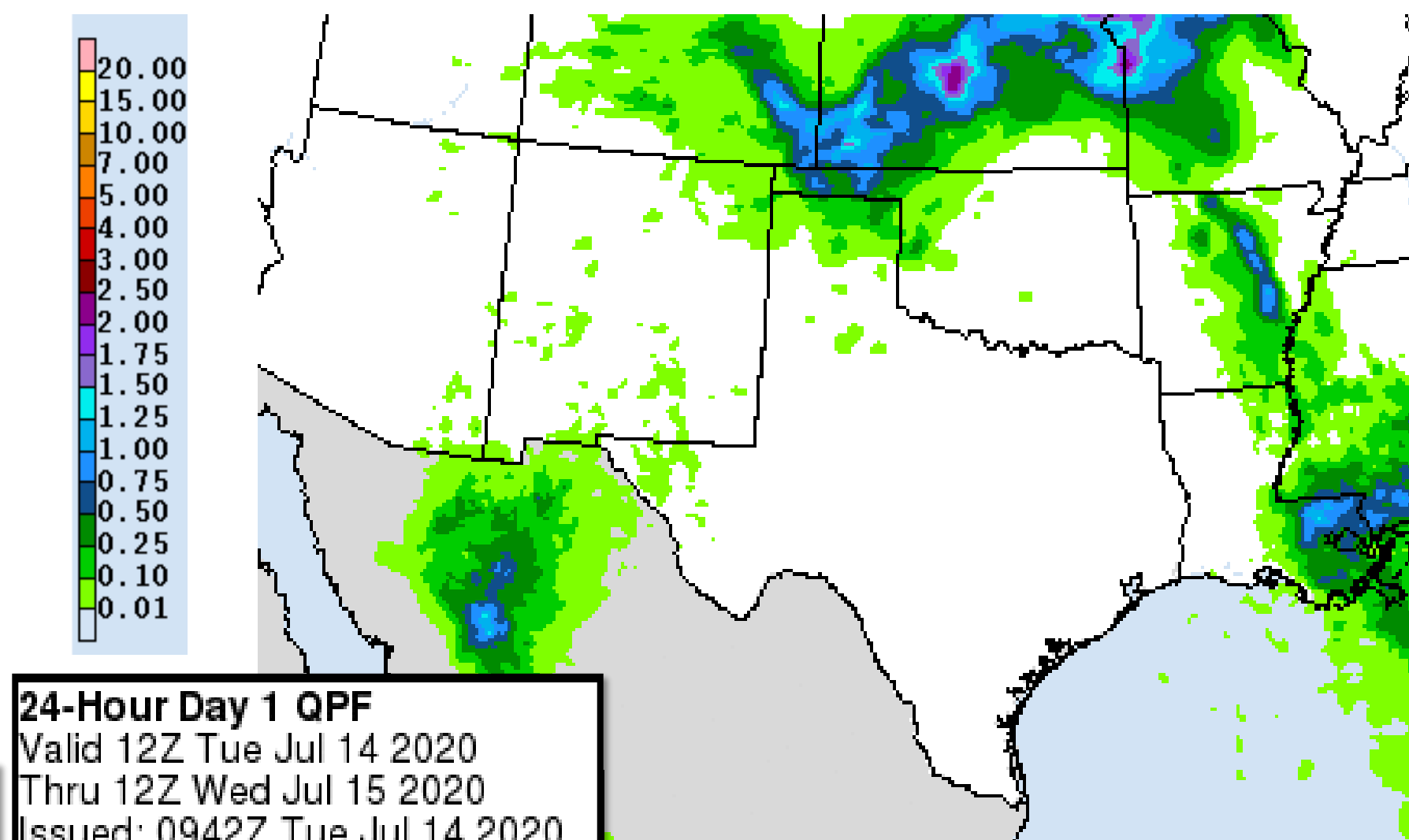


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Forecast Chart



Forecast Rainfall

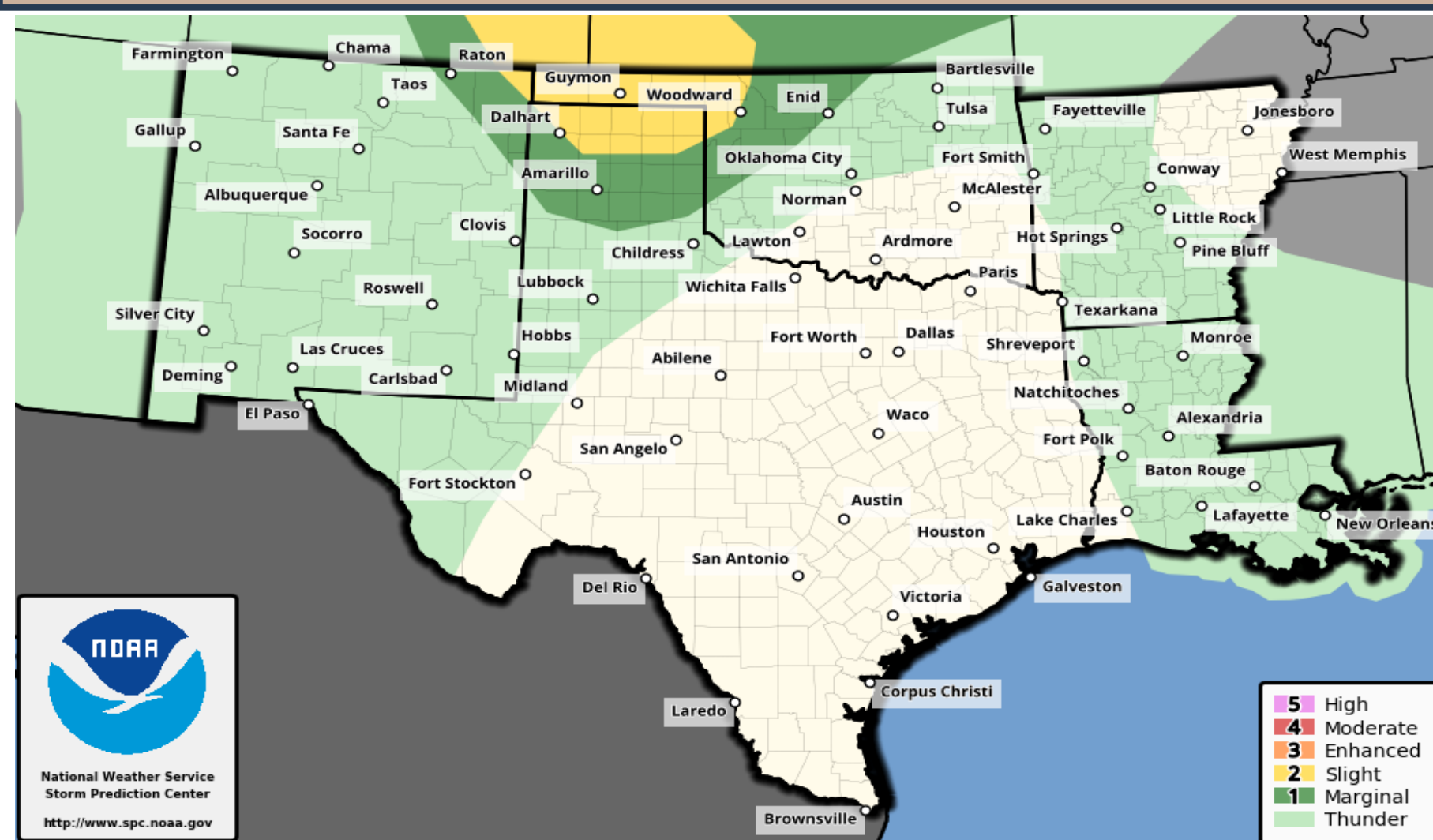


Dangerous heat across much of the Region.

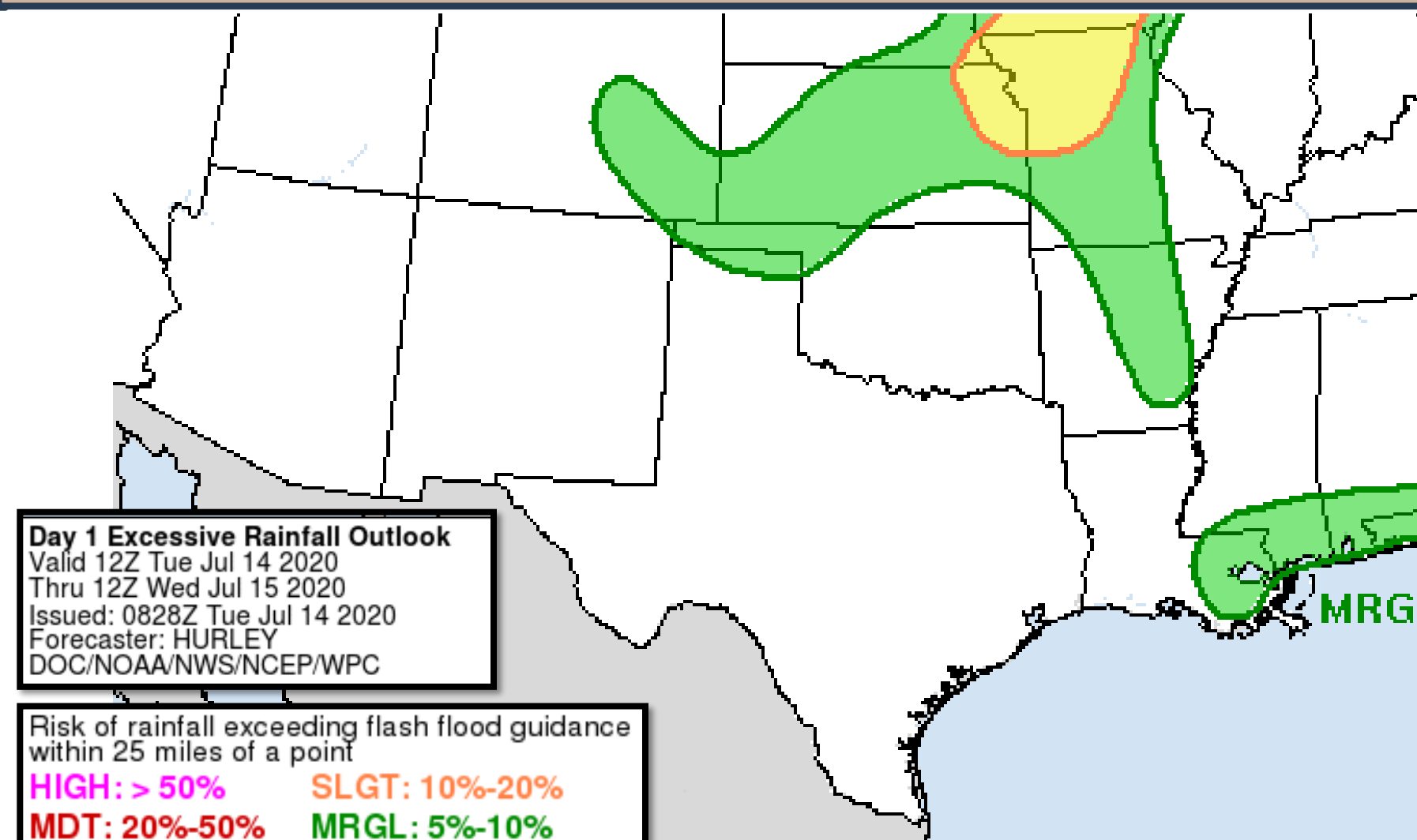
Slight risk of severe storms with damaging winds and large hail across NE NM and the TX/OK Panhandles.

Marginal risk of heavy rain/flash flooding across the OK Panhandle, the northern TX Panhandle, and extreme NE NM. Marginal risk of flash flooding also for AR and SE LA.

Severe Weather Outlook



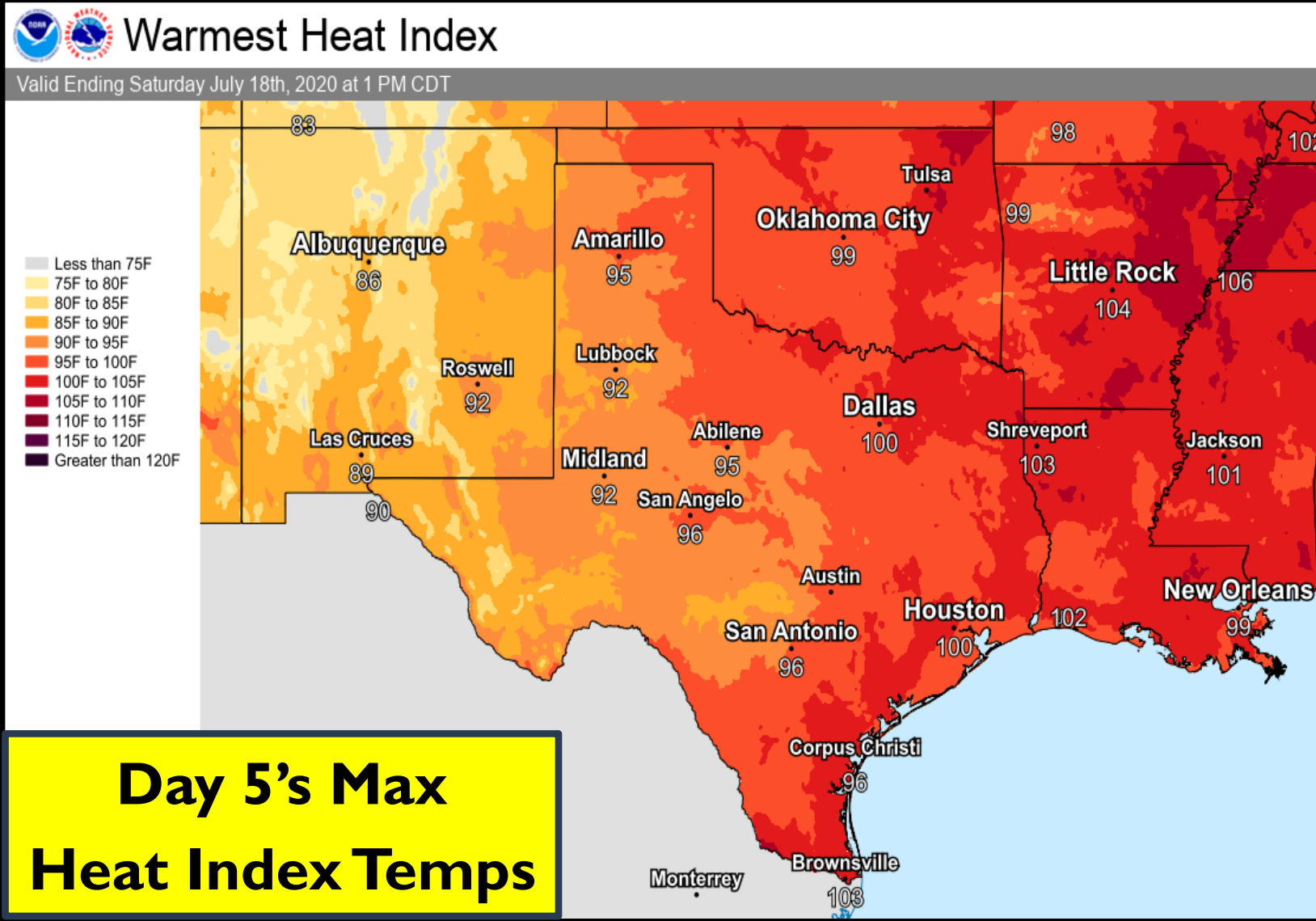
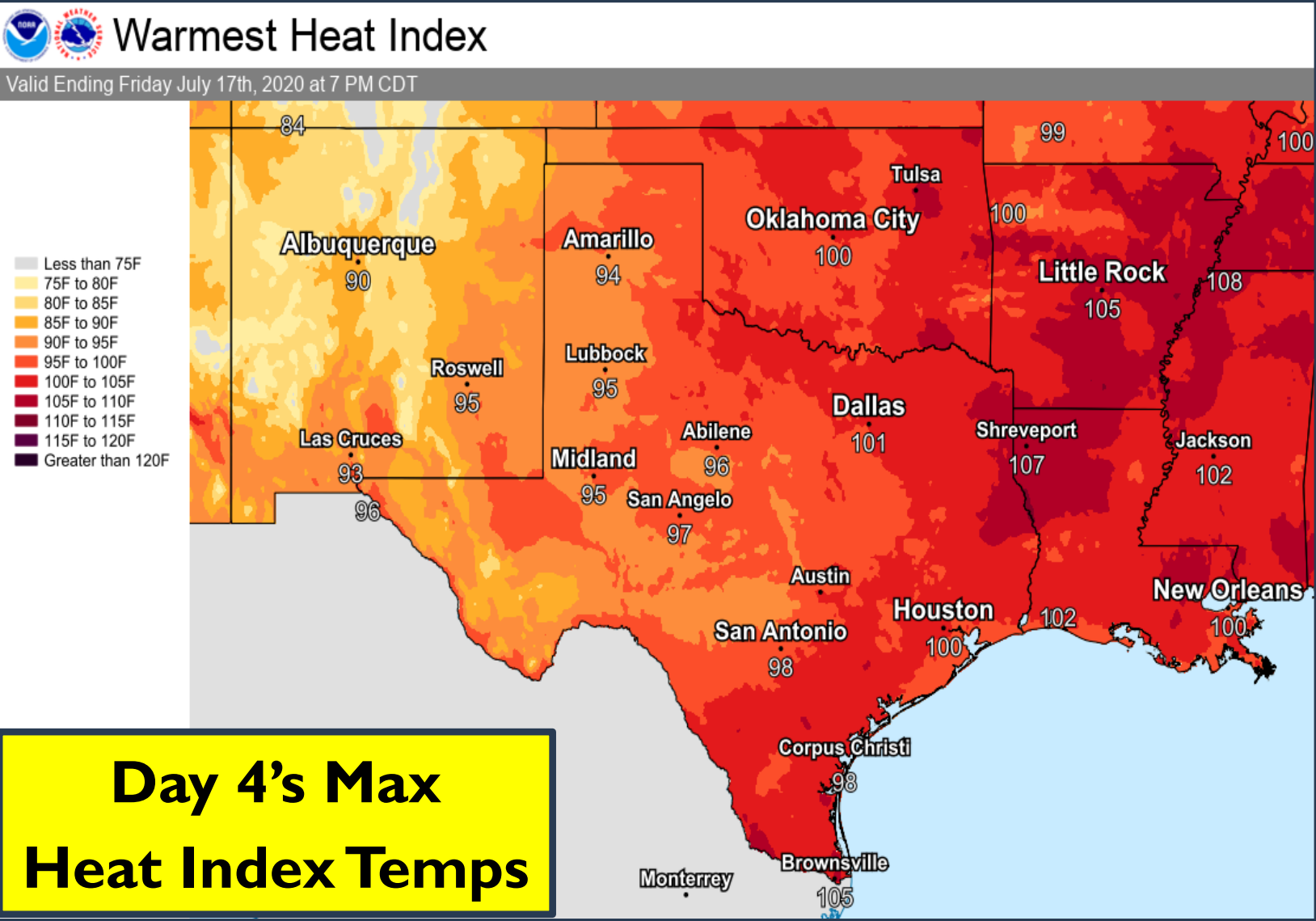
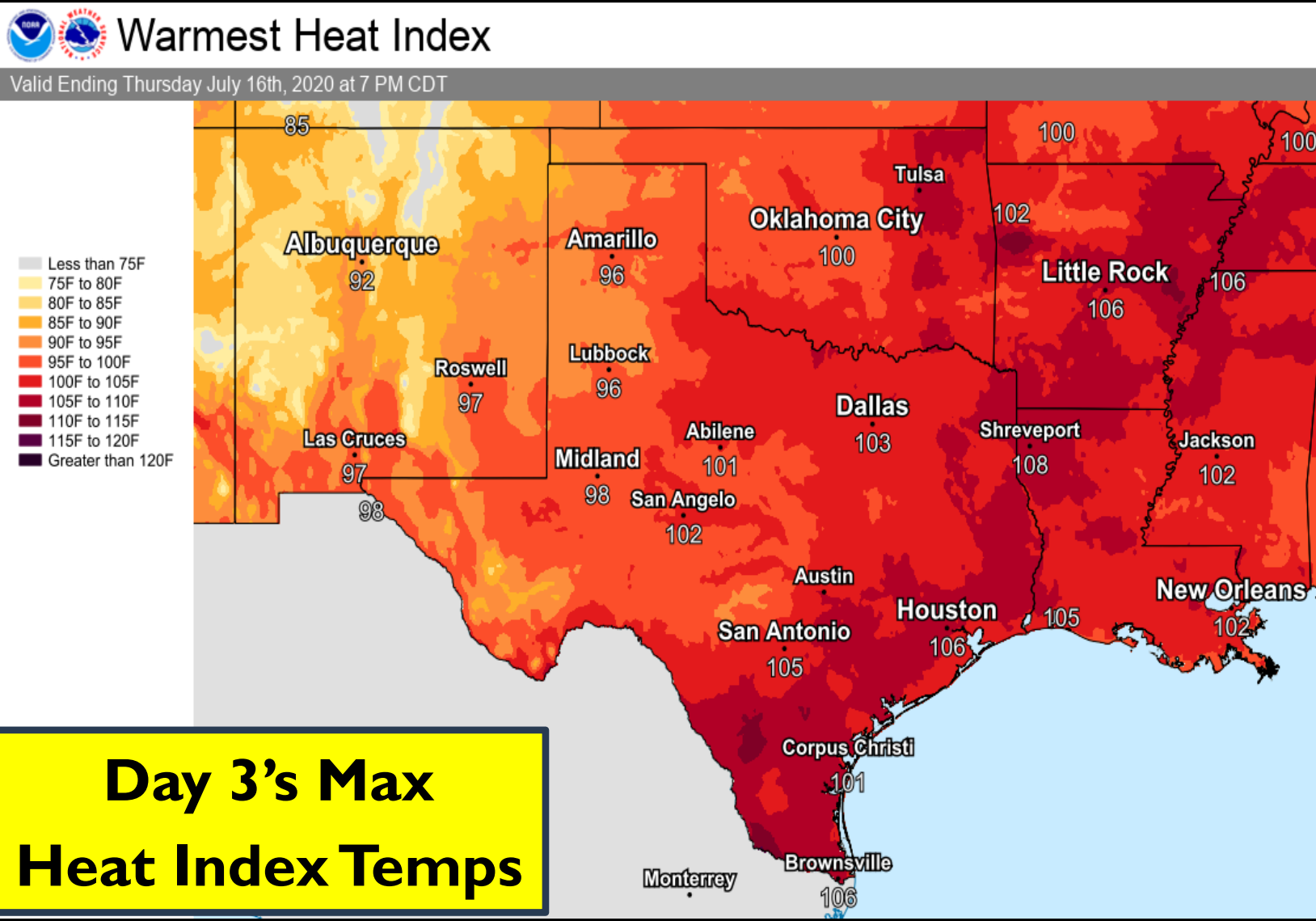
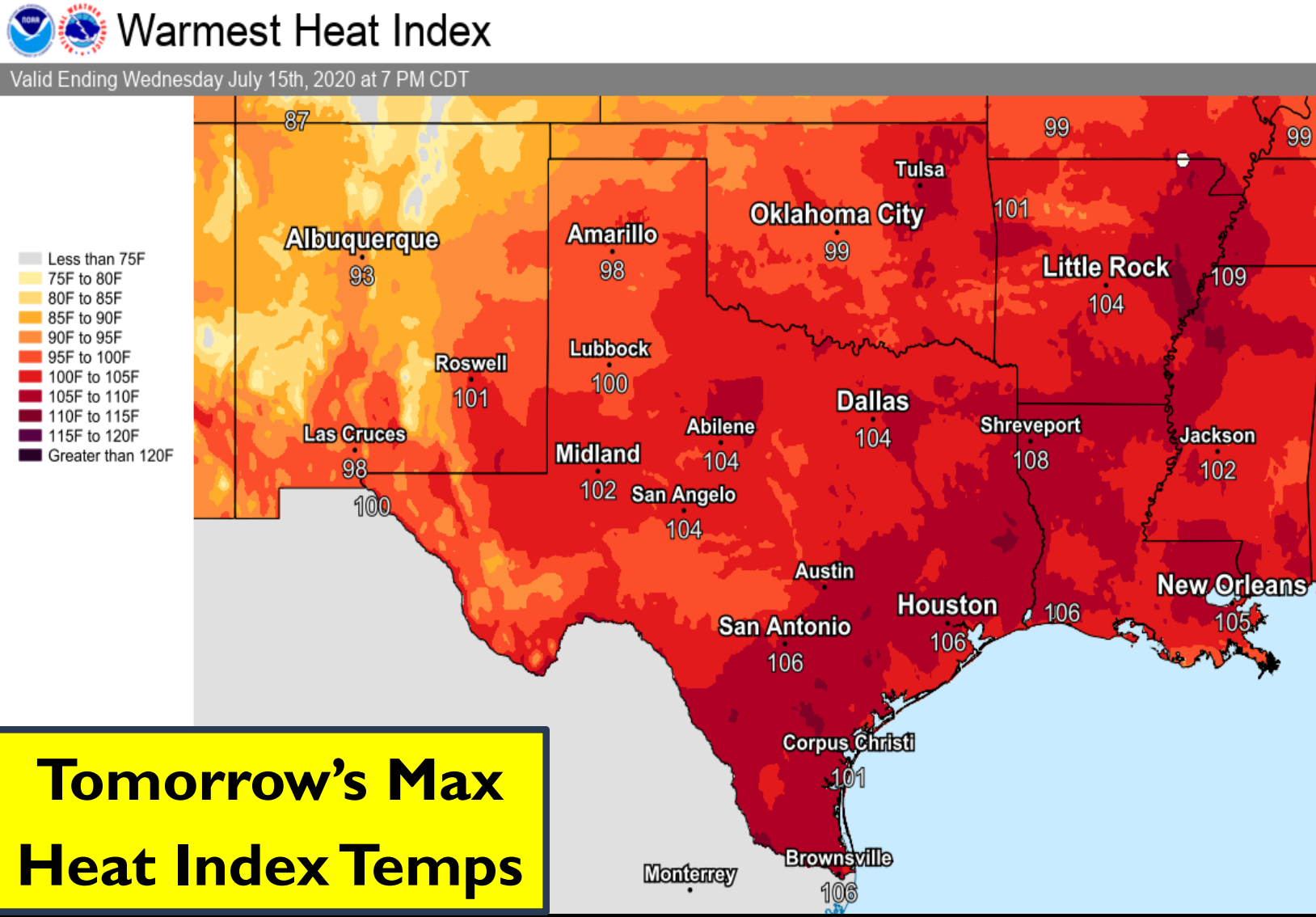
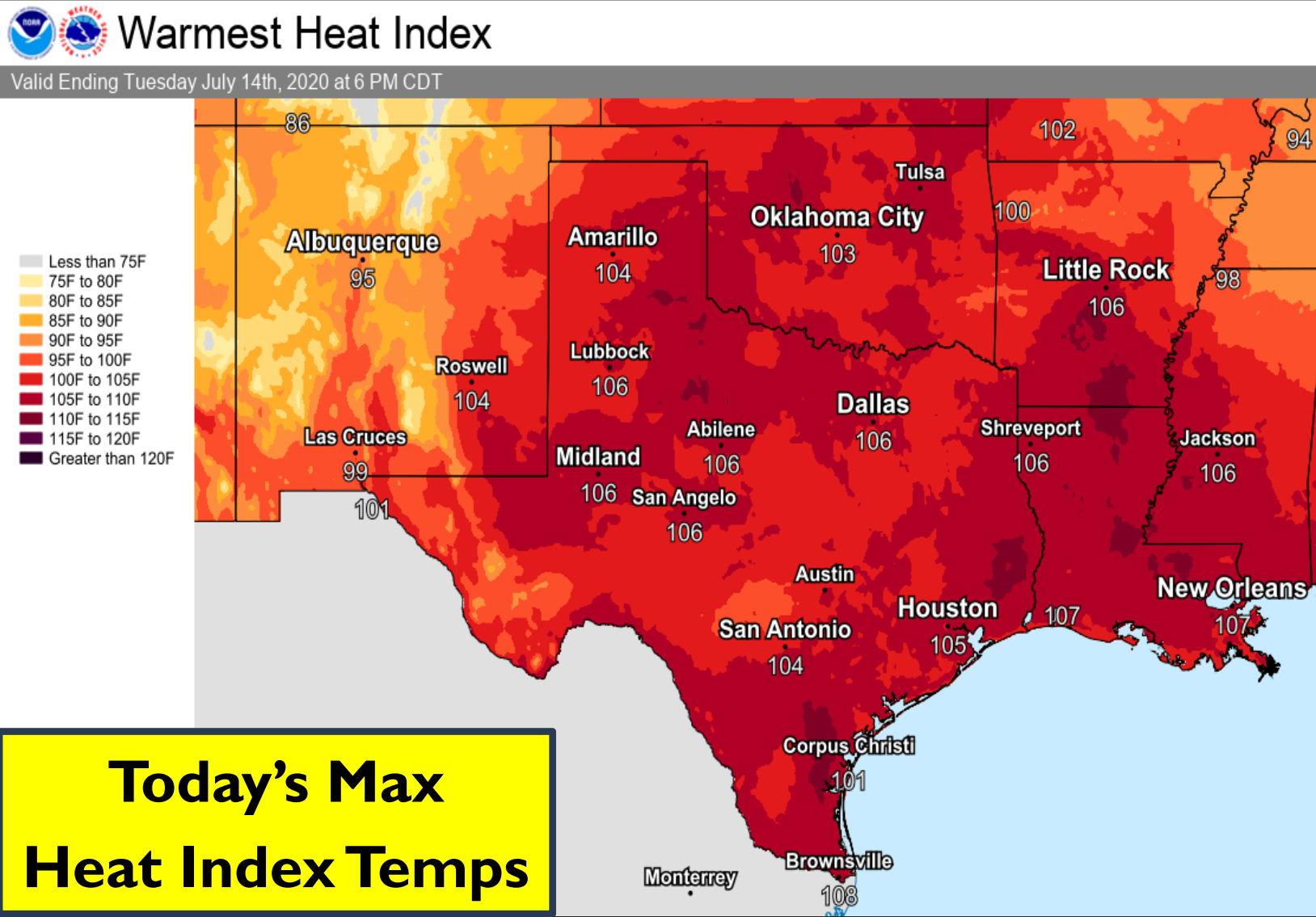
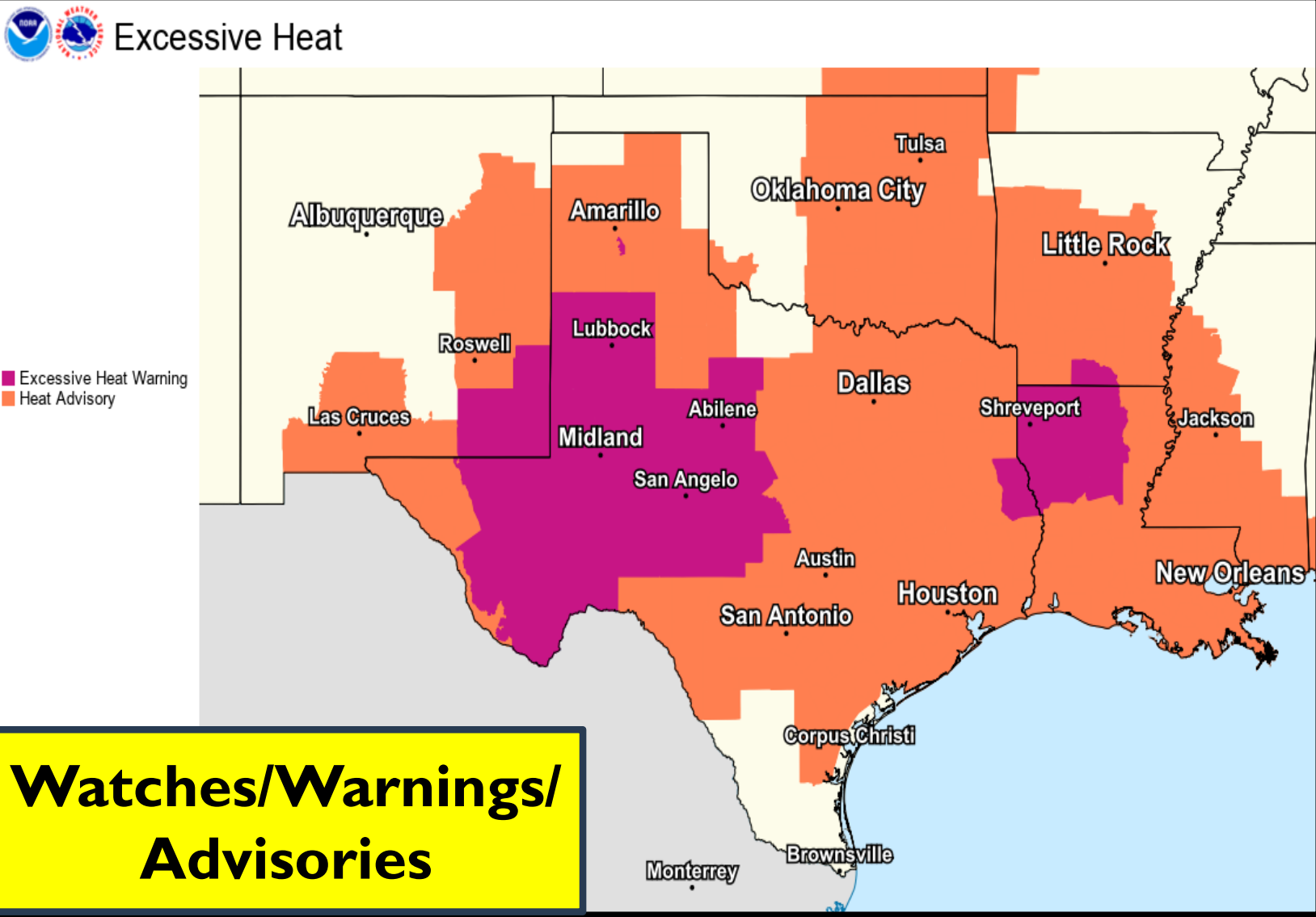
Excessive Rainfall Outlook



Excessive Heat Outlook



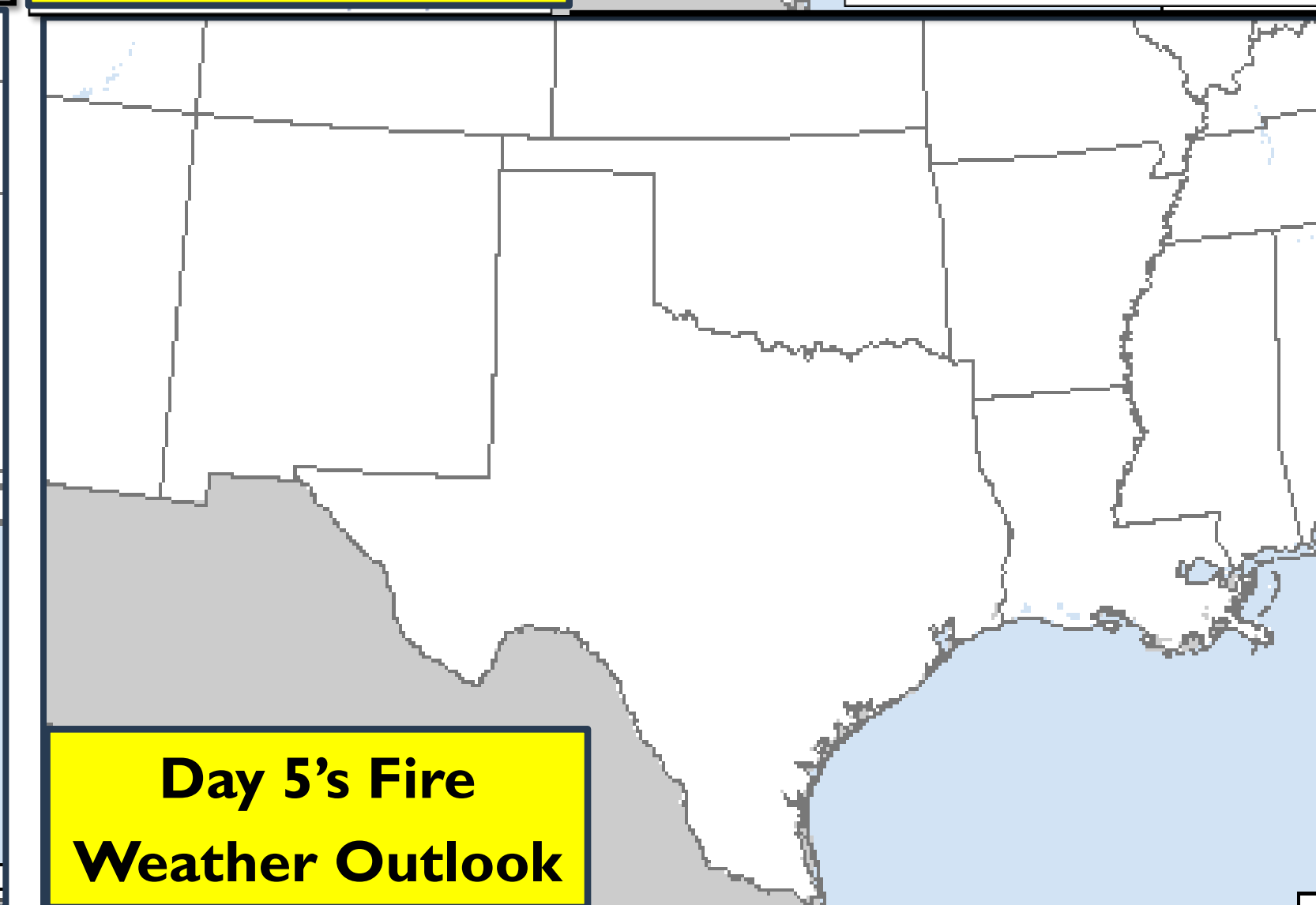
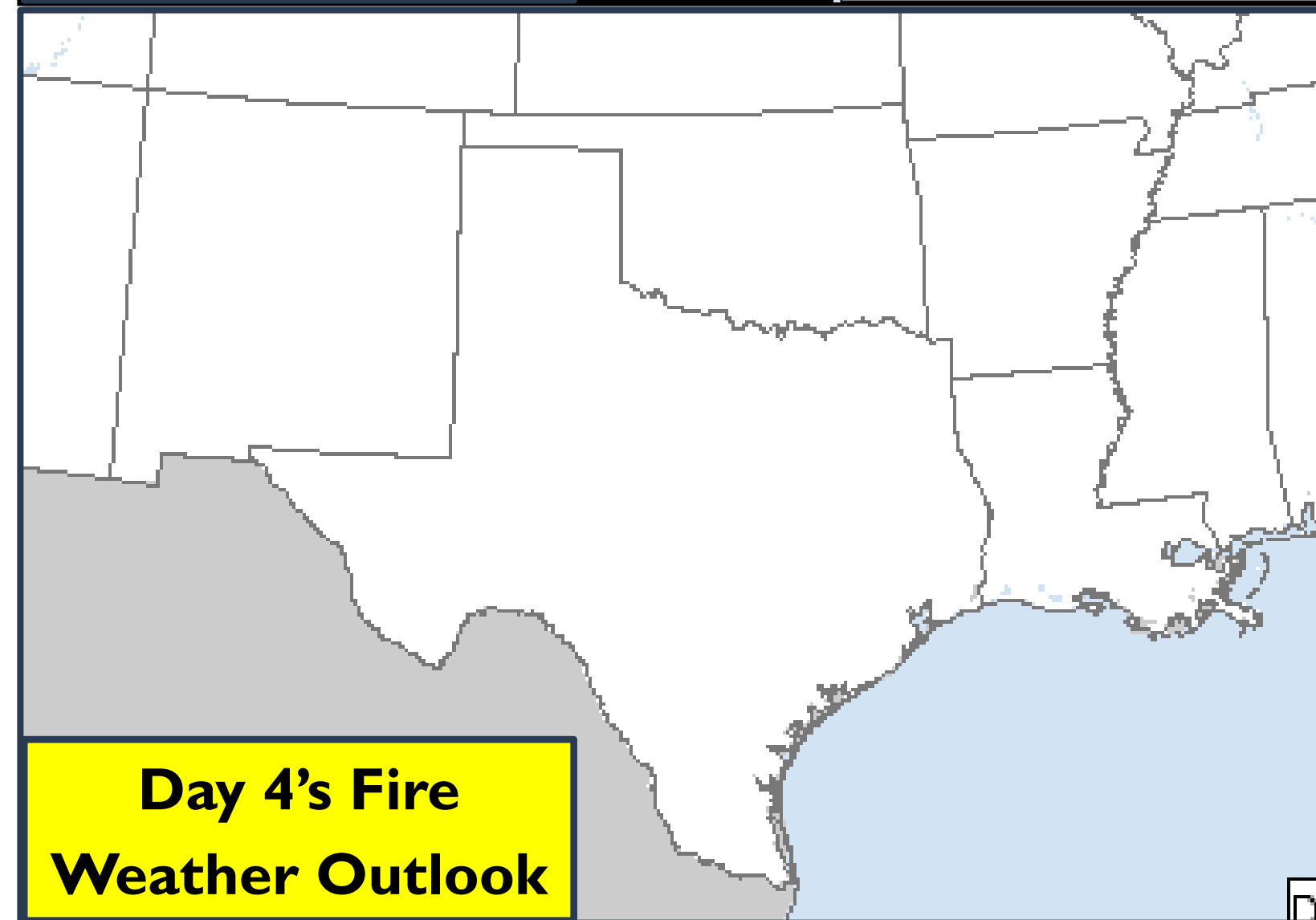
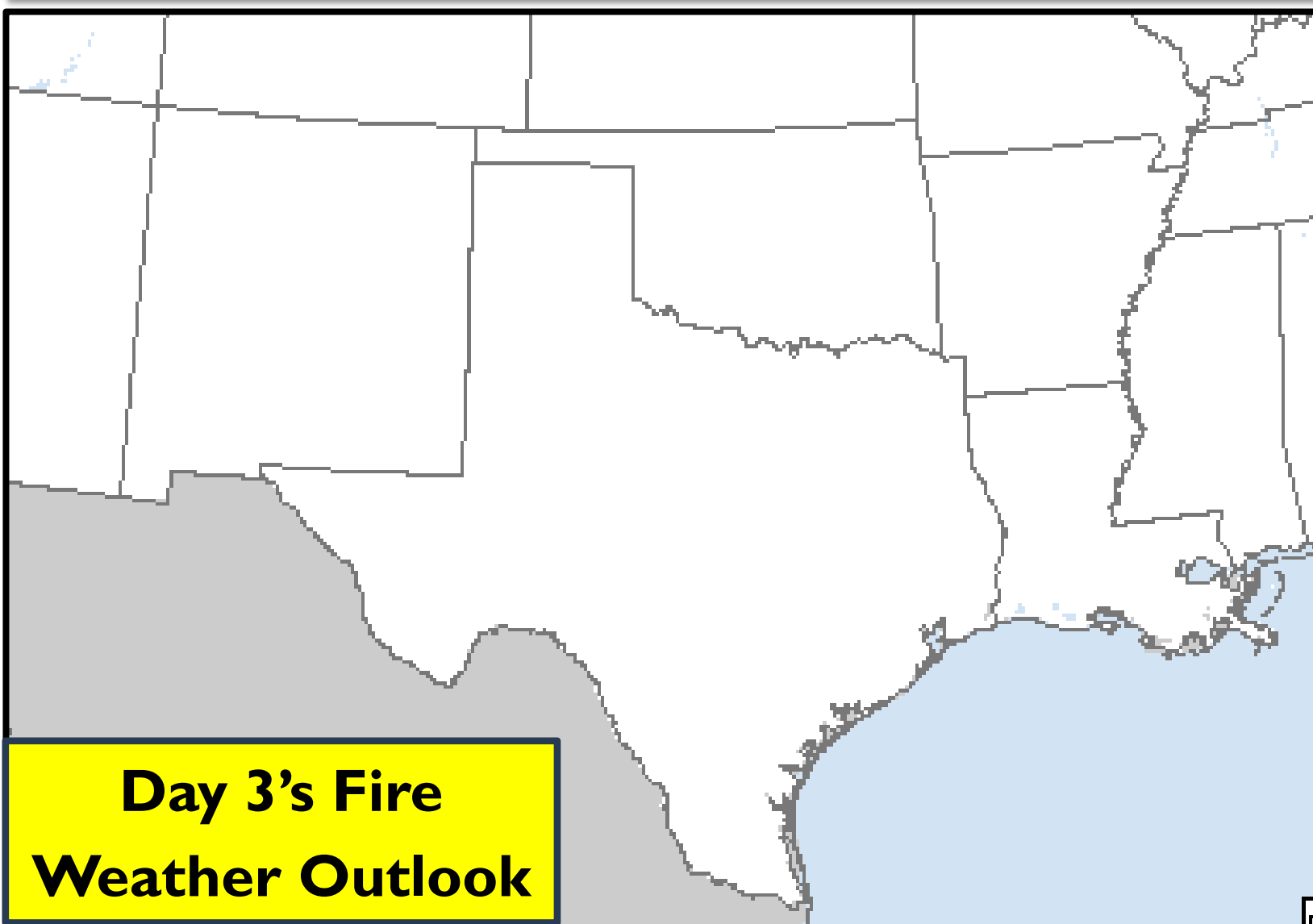
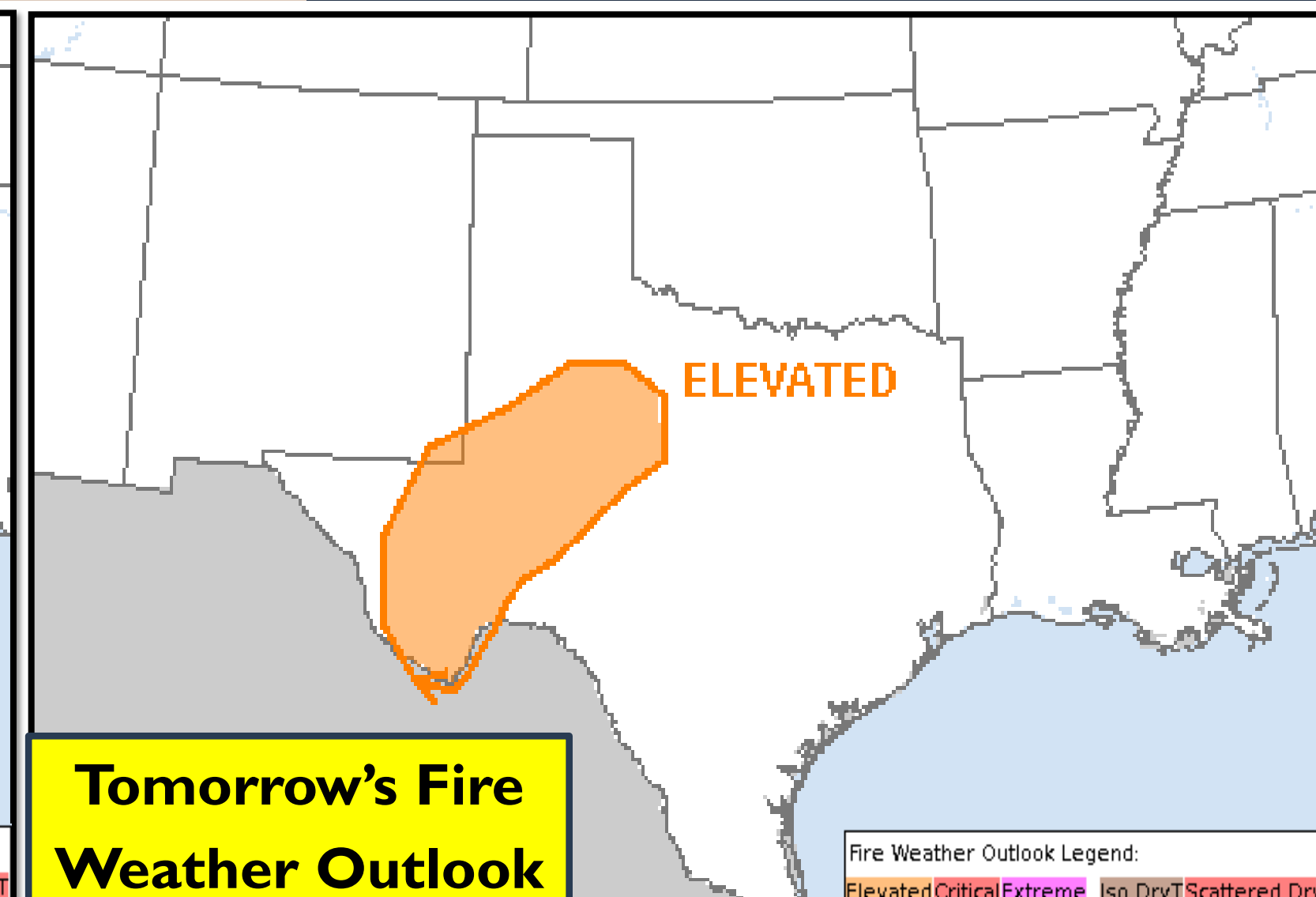
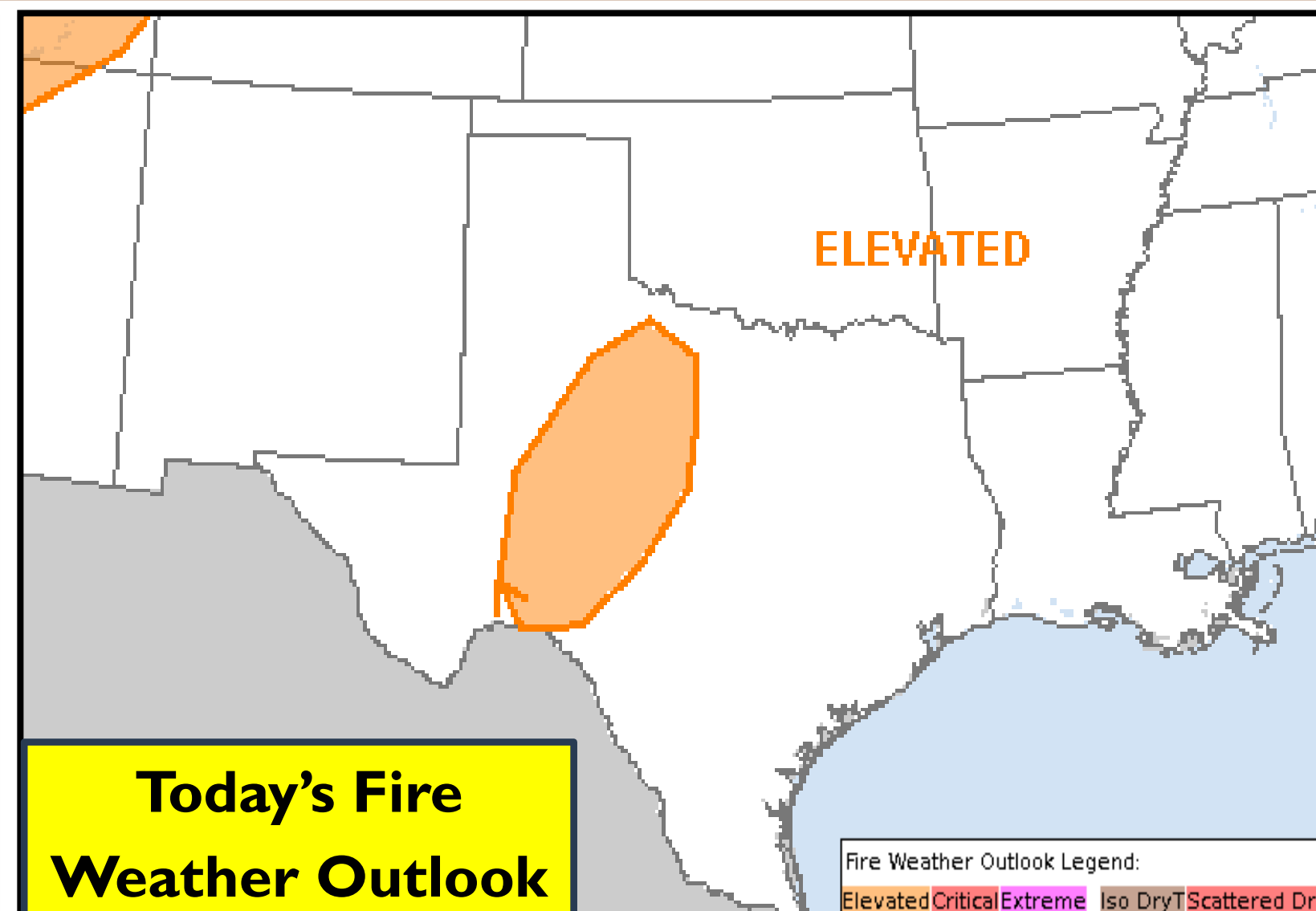
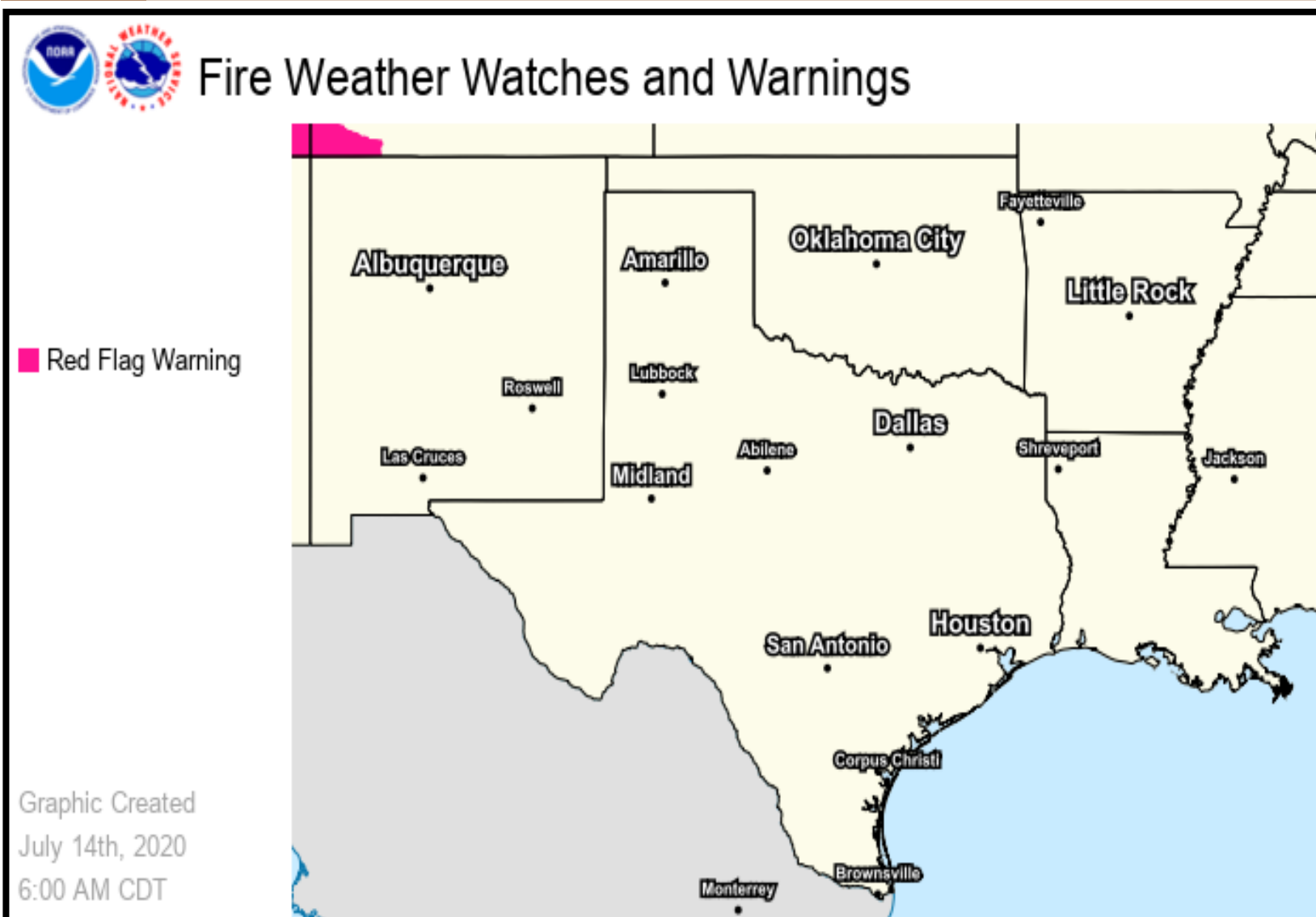
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Fire Weather Outlooks



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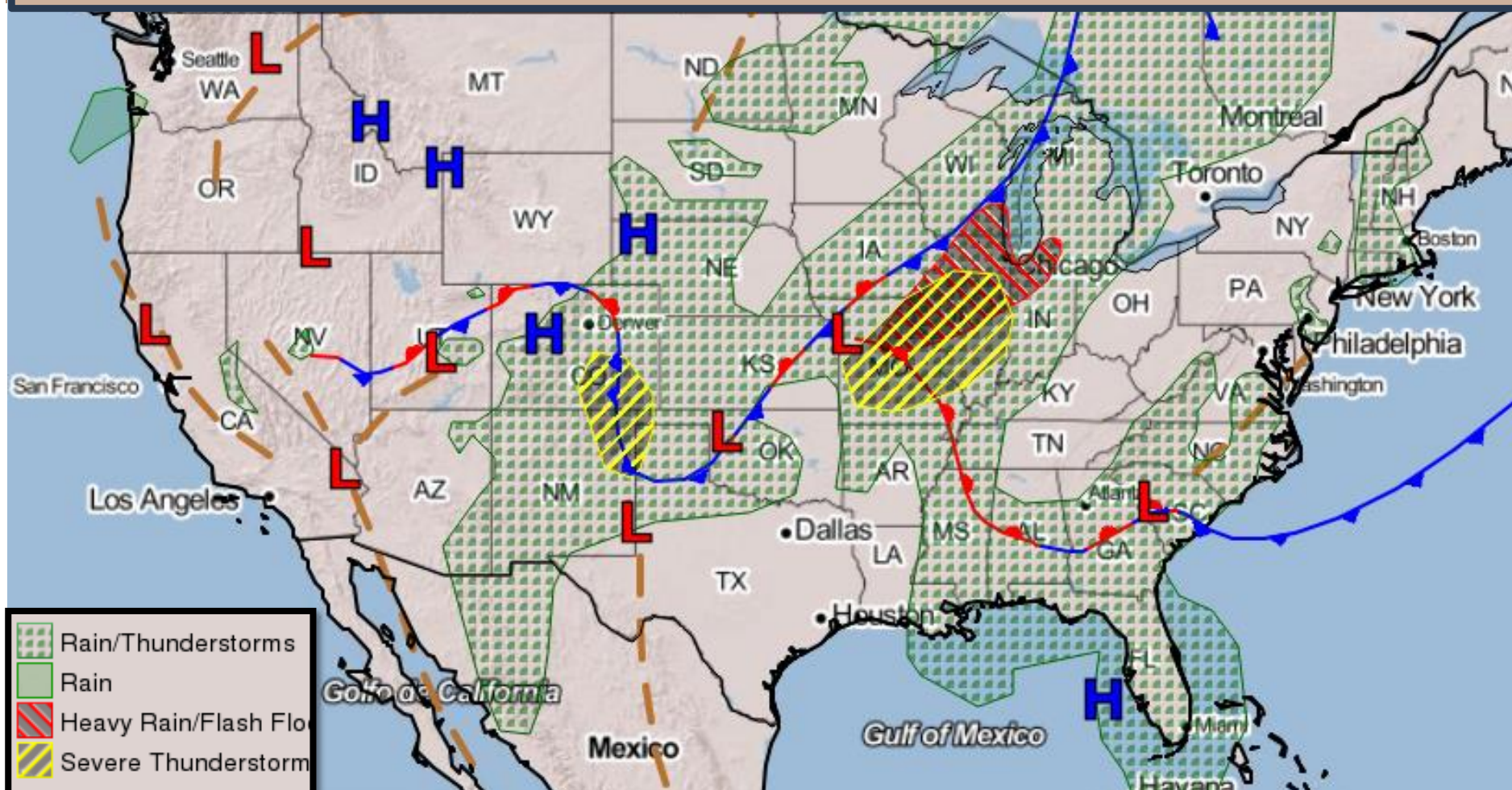


Tomorrow's Weather



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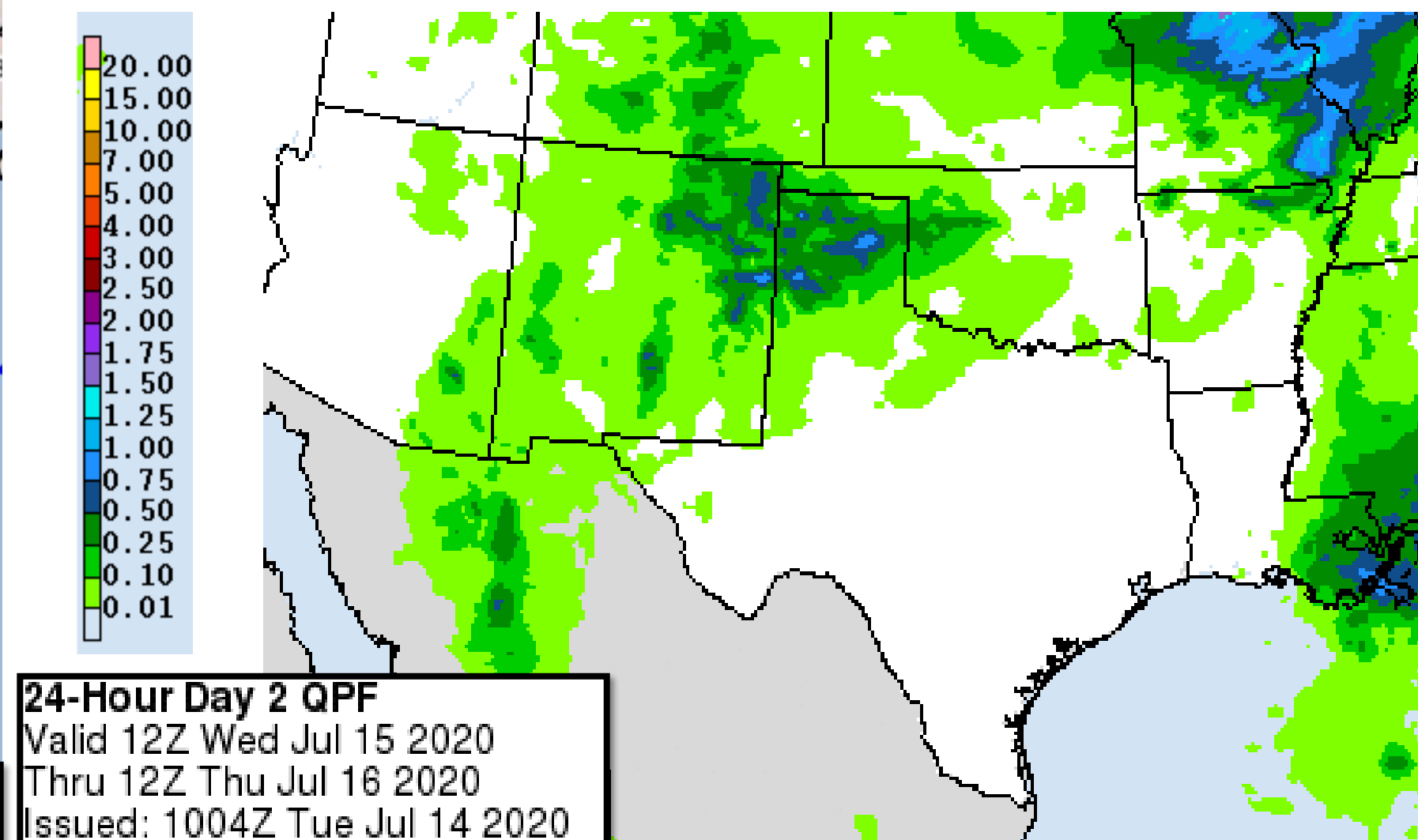
Forecast Chart



Weather Valid 8am EDT Wed Jul 15 2020 to 8am EDT Thu Jul 16 2020
Fronts Valid 8am EDT Wed Jul 15 2020

Issued 4:56 AM EDT Tue, Jul 14, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Campbell with WPC/SPC/NHC forecasts.

Forecast Rainfall

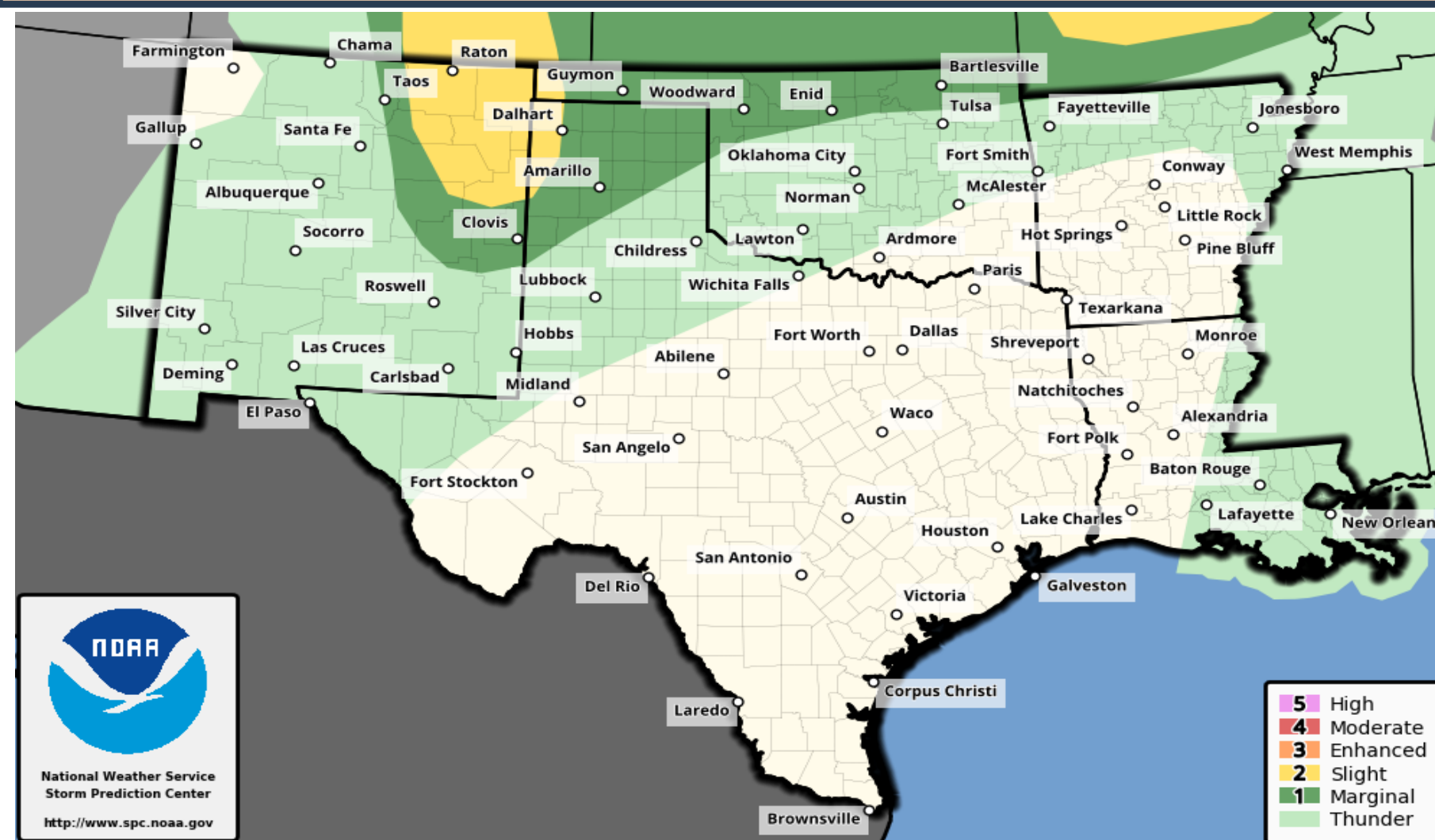


Dangerous heat continues across much of the Region.

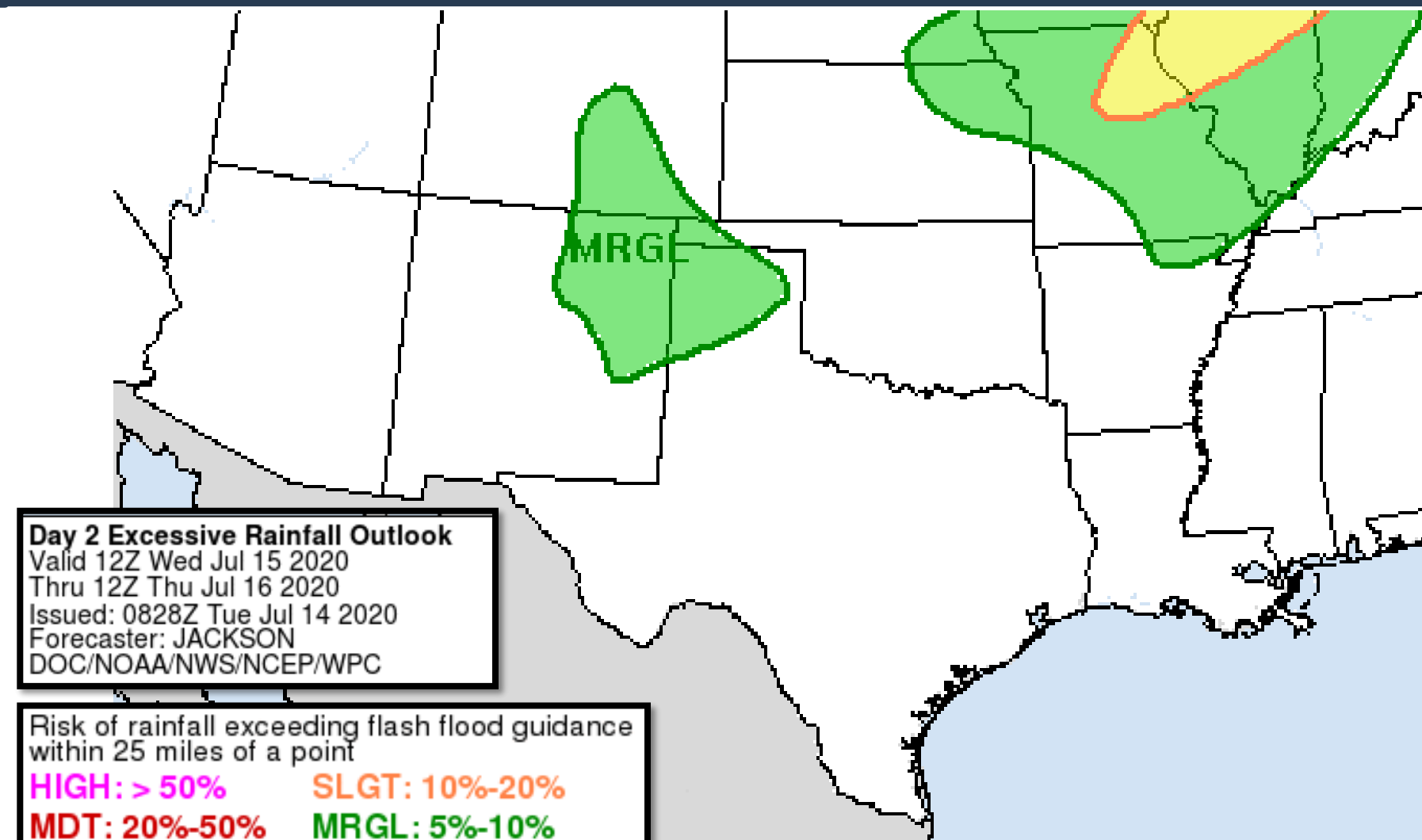
Slight risk of severe storms with damaging winds and large hail across NE NM and the TX/OK Panhandles.

Marginal risk of heavy rain/flash flooding for NE NM into the TX/OK Panhandles and for NE AR.

Severe Weather Outlook



Excessive Rainfall Outlook

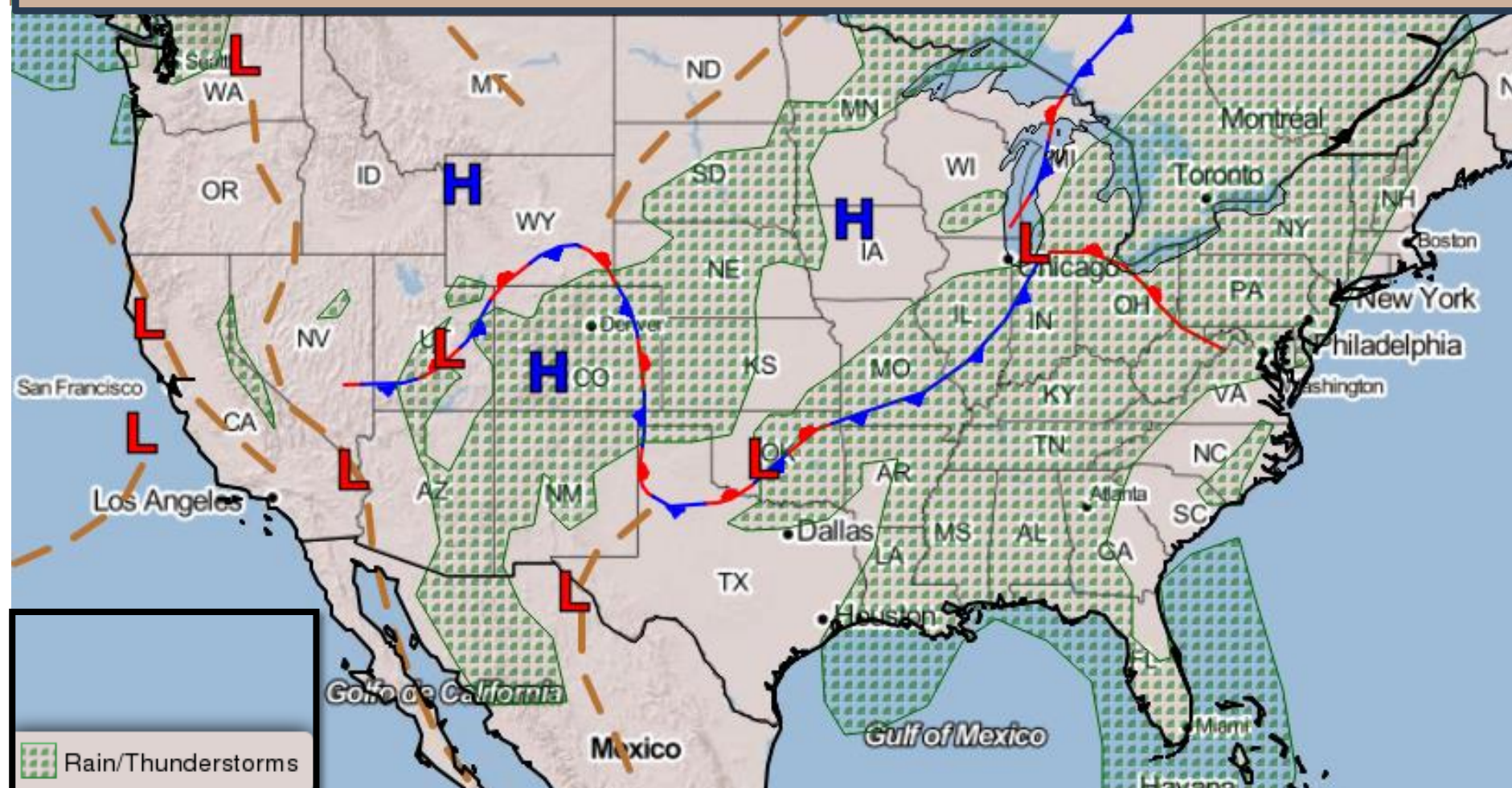


Thursday's Weather



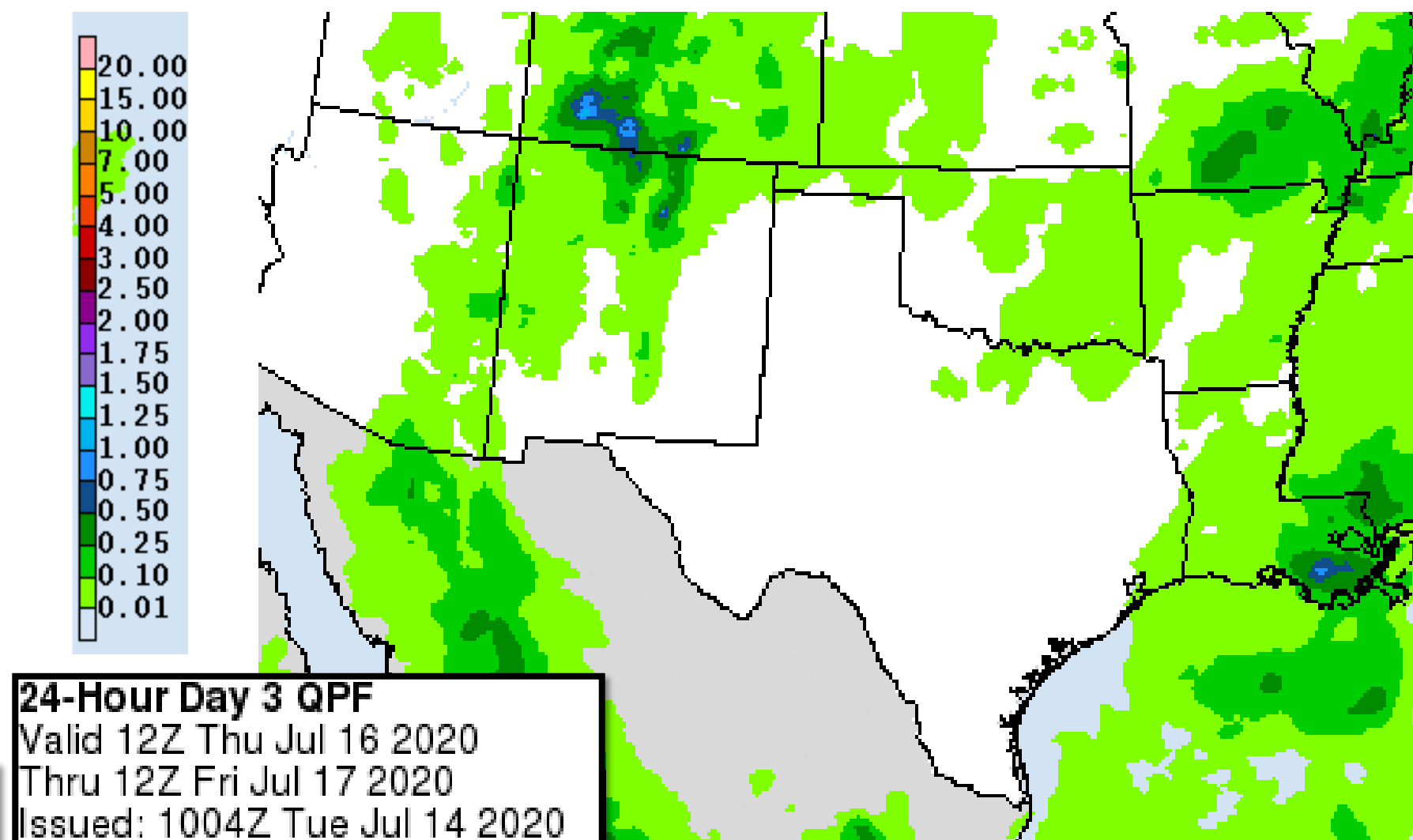
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Forecast Chart



Weather Valid 8am EDT Thu Jul 16 2020 to 8am EDT Fri Jul 17 2020
Fronts Valid 8am EDT Thu Jul 16 2020
Issued 4:58 AM EDT Tue, Jul 14, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Campbell with WPC/SPC/NHC forecasts.

Forecast Rainfall



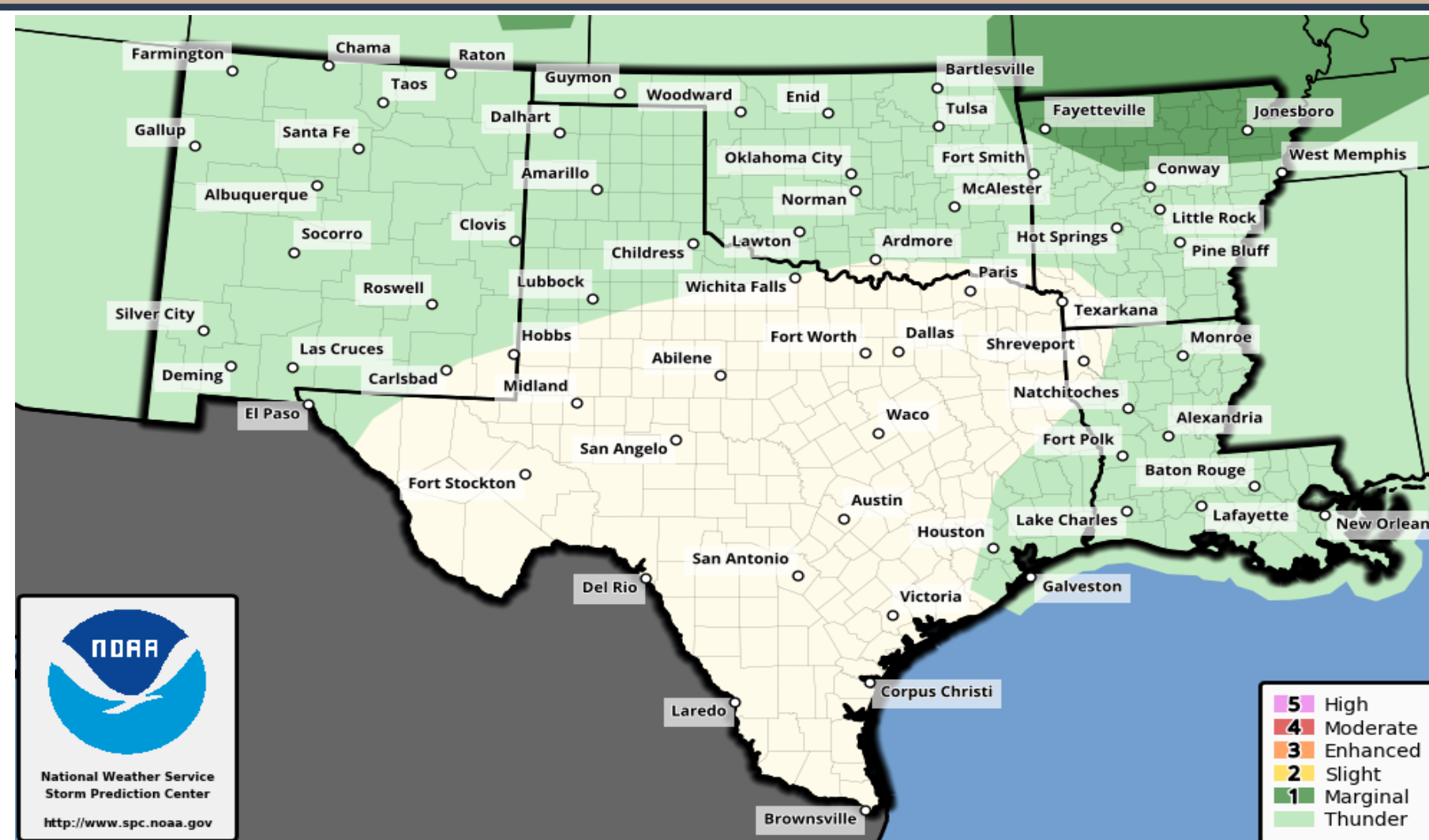
24-Hour Day 3 QPF
Valid 12Z Thu Jul 16 2020
Thru 12Z Fri Jul 17 2020
Issued: 1004Z Tue Jul 14 2020

**Dangerous heat continues
across much of the Region.**

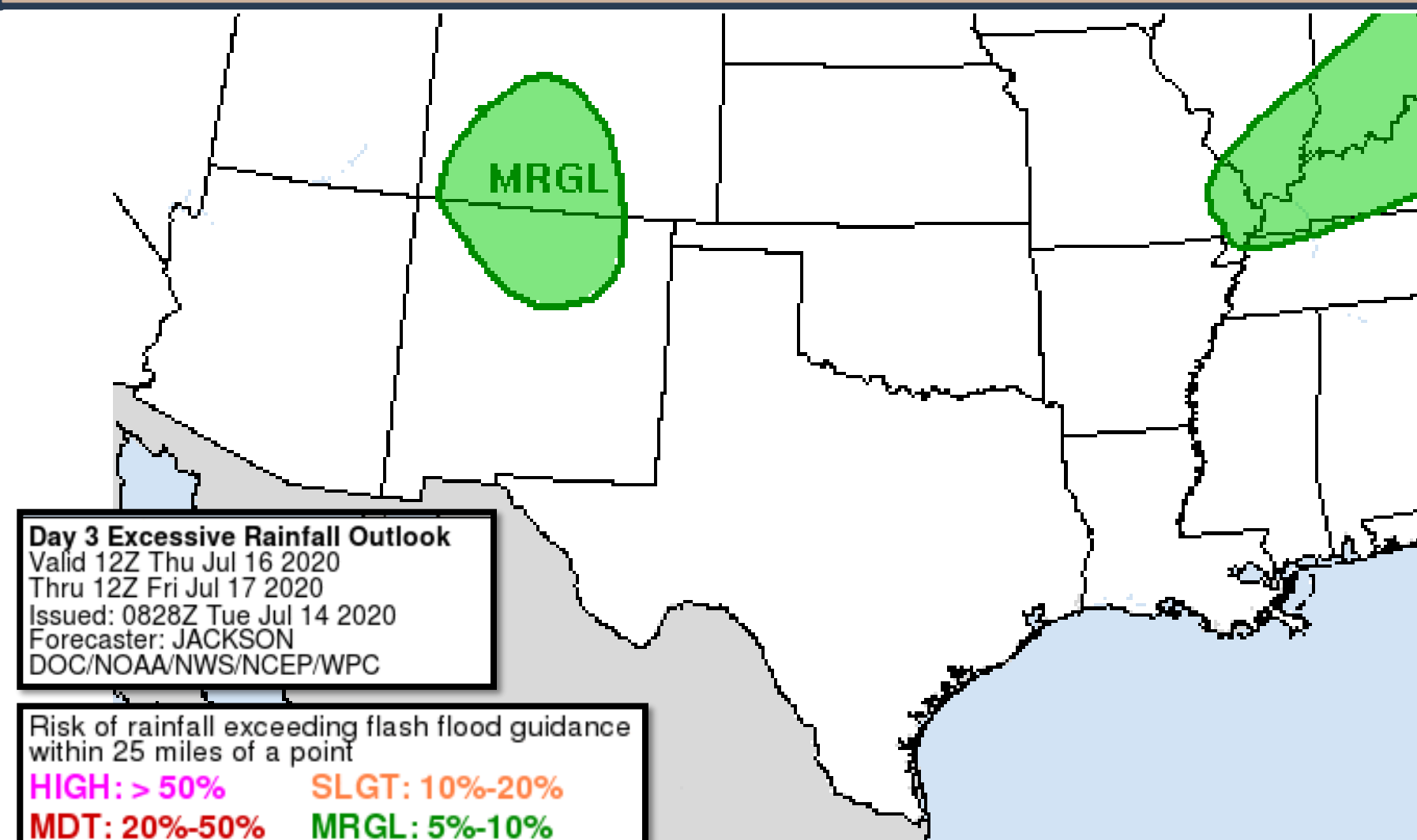
**Marginal risk of severe storms
for N AR into extreme NE OK.**

**Marginal risk of heavy
rain/flash flooding for N NM.**

Severe Weather Outlook



Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Thu Jul 16 2020
Thru 12Z Fri Jul 17 2020
Issued: 0828Z Tue Jul 14 2020
Forecaster: JACKSON
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

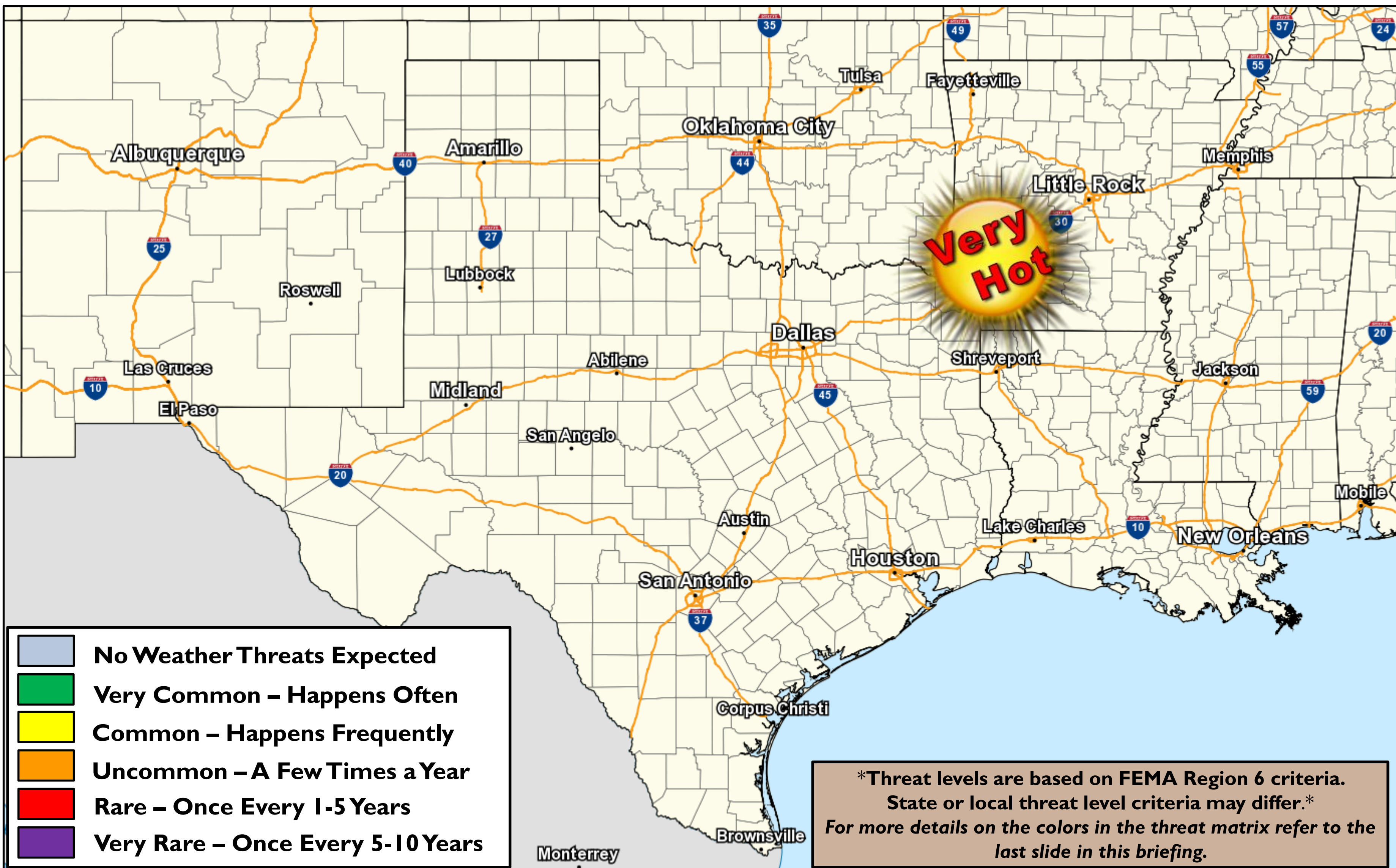
Days 4-5 Weather Hazards

Friday - Saturday



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Dangerous heat for AR into the Arklatex.

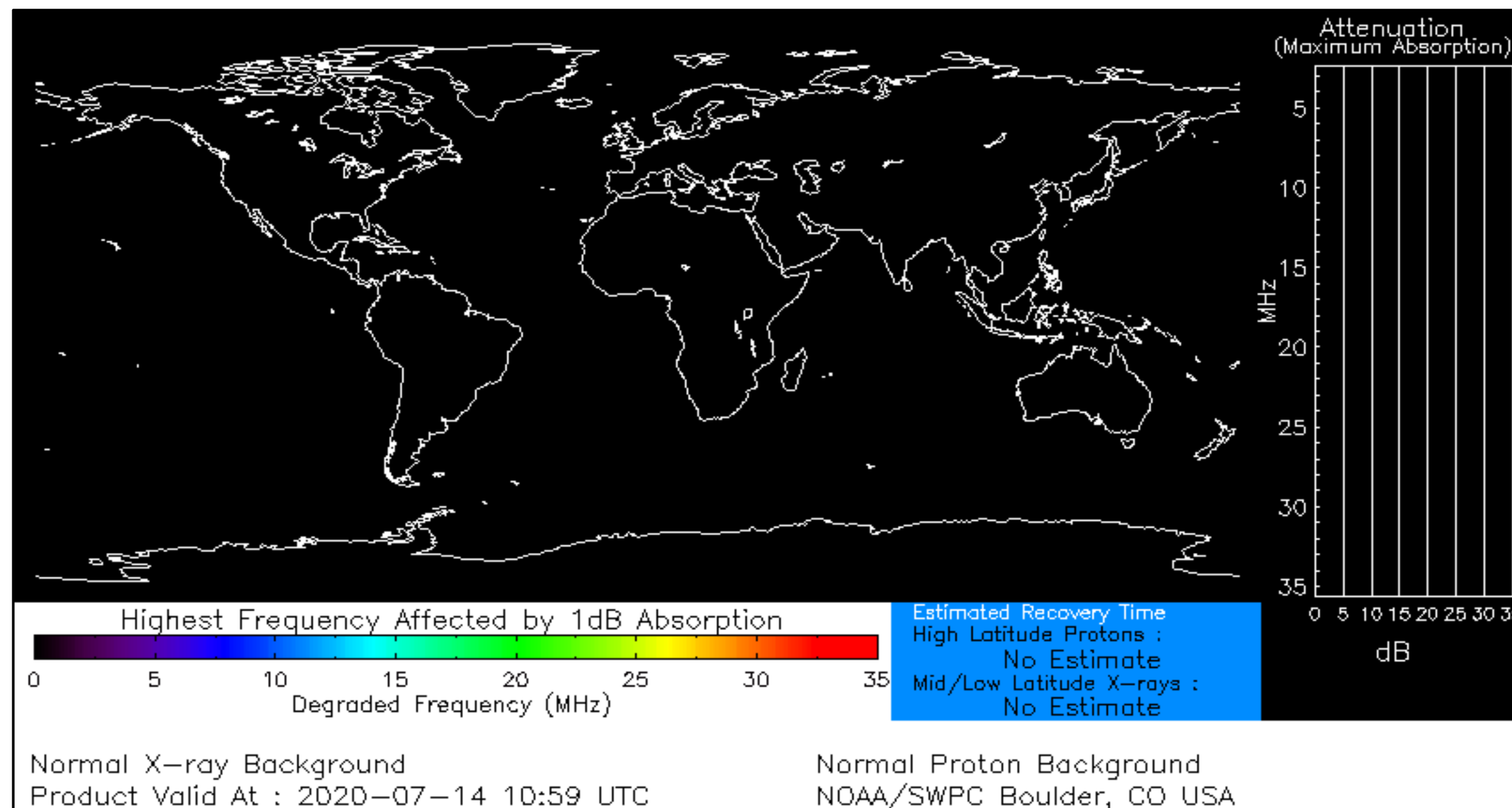


Space Weather 3-Day Forecast



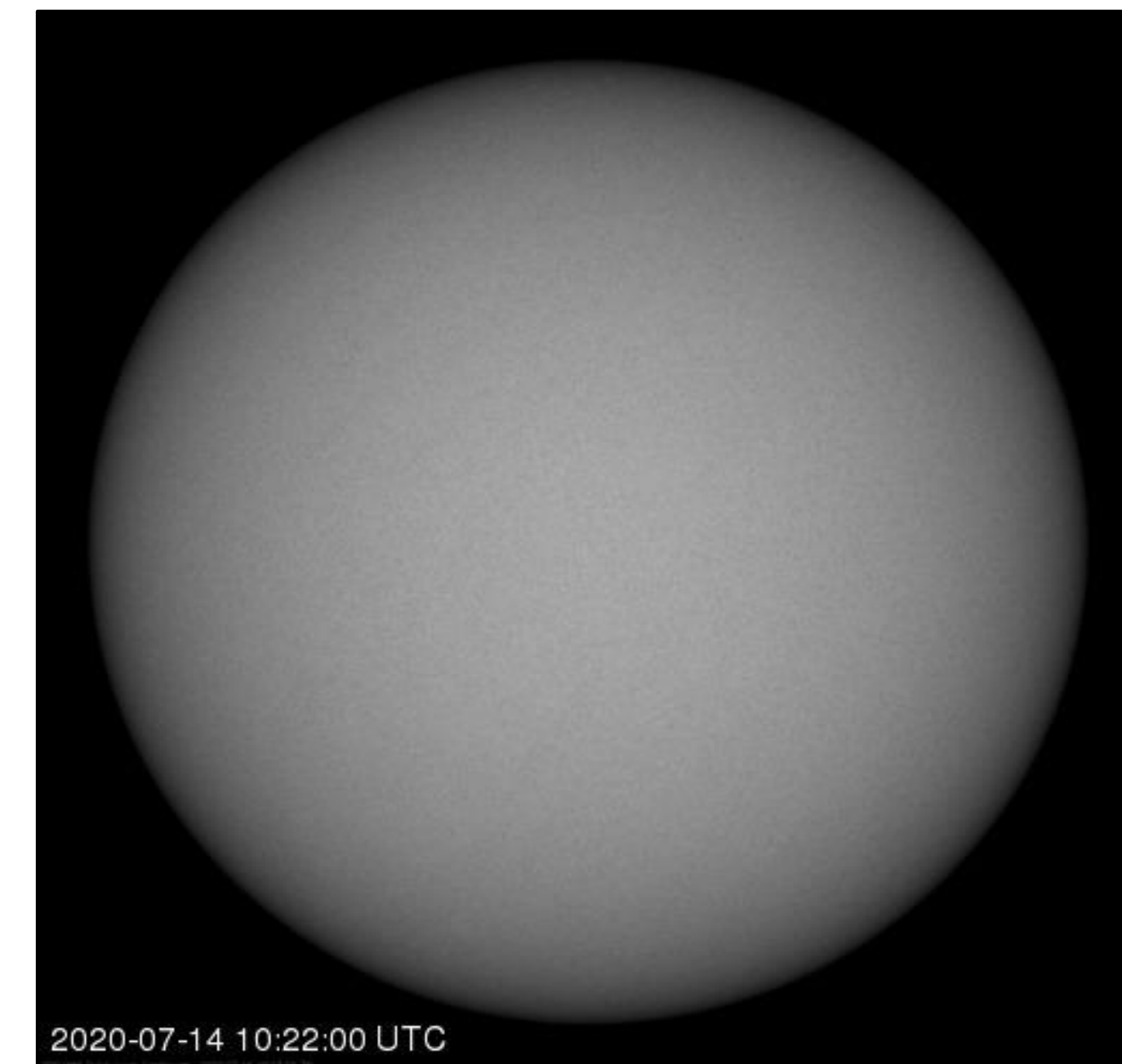
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov